Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented) A method for predicting a future quality of a communication channel comprising:

receiving a downlink data communication;

performing at least one current quality measurement on said downlink data communication to determine the current quality of said downlink data channel;

deriving, based on said current quality, a predictive channel quality indication (CQI) estimating the future quality of said downlink data channel on a per time slot basis; and

transmitting said predictive CQI, wherein said predictive CQI includes at least one of a recommended transport block size, modulation format, or number of codes.

2.   (previously presented)   The method of claim 1, further including storing said at least one current quality measurement.

3.   (previously presented)   The method of claim 2, wherein said deriving step further includes retrieving at least one stored quality measurement and utilizing said at least one stored quality measurement and said at least one current quality measurement to derive said predictive CQI.

4.   (previously presented)   The method of claim 1, further including storing said predictive CQI.

5.   (previously presented)   The method of claim 1, wherein said deriving step utilizes a linear predictive algorithm to derive said predictive CQI.

6. – 11. Canceled.

12.   (previously presented)   A method for providing predictive channel quality measurements of a downlink communication channel comprising:

monitoring said downlink communication channel;

performing at least one current quality measurement on said downlink data communication channel to determine the current quality of said downlink data channel;

deriving, based on said performing step, a prediction of the future quality of the downlink data communication channel on a per time slot basis; and

transmitting said prediction, wherein said prediction represents at least one of a recommended transport block size, modulation format, or number of codes.

13.   (previously presented)   The method of claim 12, further including storing said at least one current quality measurement.

14.   (previously presented)   The method of claim 13, wherein said deriving step further includes retrieving at least one stored quality measurement and utilizing said at least one stored quality measurement and said at least one current quality measurement to derive said prediction.

15.   (previously presented)   The method of claim 12, further including storing said prediction.

16.   (previously presented)   The method of claim 12, wherein said deriving step utilizes a linear predictive algorithm to derive said prediction.

17. – 31.   Canceled.

32. (previously presented) A method for predicting a future quality of a communication channel comprising:

receiving a downlink data communication;

receiving a said pilot channel communication;

performing at least one current quality measurement on said downlink data communication and said pilot channel communication to determine the current quality of said downlink data channel;

deriving, based on said performing step, a predictive channel quality indication (CQI) estimates the future quality of said downlink data channel on a per time slot basis; and

transmitting said predictive CQI, wherein said predictive CQI includes at least one of a recommended transport block size, modulation format, or number of codes.

33. (previously presented) The method of claim 32, further including storing said at least one current quality measurement.

34. (previously presented) The method of claim 33, wherein said deriving step further includes retrieving at least one stored quality measurement and utilizing said at least one stored quality measurement and said at least one current quality measurement to derive said predictive CQI.

35. (previously presented) The method of claim 32, further including storing said predictive CQI.

36. (previously presented) The method of claim 32, wherein said deriving step utilizes a linear predictive algorithm to derive said predictive CQI.

37.– 39.   Canceled.